

AMENDMENTS TO THE CLAIMS

Claims 1-6 (Canceled).

7. (New) A method of manufacturing a plate heat exchanger comprising providing a plurality of stacked plates which limit heat exchange of two or more separate fluids across said plates, said plates each including a double wall configuration to prevent fluid from leaking through a wall of the plates and entering a path of another fluid, the double walls of each of said plates being sealingly interconnected around borders of port holes in the plates, wherein each plate of the stacked plates, prior to being brazed, is provided with brazing material on a surface thereof which engages a surface of another plate of said stacked plates, and wherein areas of mutually contacting wall surfaces of two of said plates forming a double wall plate around borders of a port hole are configured to only partly cover each other.

8. (New) A method according to claim 7, wherein the borders of the port holes in walls engaging each other in a plate have equal diameters and are provided with relatively displaced indentations.

9. (New) A method according to claim 7, wherein areas around the borders of the port holes of two walls

in a heat exchange plate include holes and said holes in one wall are angularly displaced relative to said holes in another wall.

10. (New) A method according to claim 7, wherein the double wall of said plates are provided with relatively displaced port holes leaving free areas adjacent to contacting surface areas around a port hole opening.

11. (New) A method according to claim 7, wherein two holes in a pair of walls forming a port hole in a heat exchanger plate are elliptical in shape and are angularly displaced.